

## **COMPOSITE TUBULAR PROSTHESES**

### **ABSTRACT OF THE DISCLOSURE:**

A tubular implantable prosthesis is formed of porous expanded  
polytetrafluoroethylene. The tubular prosthesis includes a substantially continuous  
5 ePTFE tubular first body and perimetrically non-continuous second tubular body. A  
circumferentially deformable support structure is interposed between the inner and  
outer tubular bodies. The second tubular body is formed of a plurality of elongate  
PTFE strips. The strips are secured to the first body and arranged longitudinally in a  
non-overlapping relationship. The prosthesis provides for both axial and radial  
10 compliance.